



THE IMPOSSIBLE QUIZ

1. What is the name of the strait that separates the islands of New Guinea and New Britain?
 - ☐ Torres Strait
 - ☐ Dampier Strait
 - ☐ Vitiaz Strait
 - ☐ Bering Strait

2. What is the unofficial capital city of the tiny island nation of Nauru?
 - ☐ Yaren
 - ☐ Nauru City
 - ☐ Aiwo
 - ☐ Anibare

3. Which river flows through the city of Ulaanbaatar, Mongolia?
 - ☐ Amur River
 - ☐ Selenge River
 - ☐ Tuul River
 - ☐ Orkhon River

4. What is the name of the largest island in the Canadian Arctic Archipelago?
 - ☐ Ellesmere Island
 - ☐ Devon Island
 - ☐ Victoria Island
 - ☐ Baffin Island

5. Which region of South America is known as "land of many waters"?
- ☐ Amazon Basin
 - ☐ The Guianas
 - ☐ Patagonia
 - ☐ Gran Chaco
6. What is the term for the phenomenon where particles can pass through barriers even if they don't have enough energy to classically overcome them?
- ☐ Quantum entanglement
 - ☐ Quantum tunneling
 - ☐ Quantum superposition
 - ☐ Quantum decoherence
7. According to the holographic principle, our perception of a three-dimensional universe might be:
- ☐ An illusion created by our brains
 - ☐ A result of quantum entanglement
 - ☐ A projection from a two-dimensional boundary
 - ☐ A consequence of dark matter
8. Which effect describes how gravitational mass causes a delay in the time it takes for light or other signals to pass near a massive object?
- ☐ Shapiro delay
 - ☐ Gravitational redshift
 - ☐ Gravitational lensing
 - ☐ Frame-dragging
9. What is the term for the phenomenon where a single gene influences multiple phenotypic traits?
- ☐ Epistasis
 - ☐ Pleiotropy
 - ☐ Polygeny
 - ☐ Codominance

10. What is the term for the phenomenon where hot water freezes faster than cold water under certain conditions?
- ☐ Leidenfrost effect
 - ☐ Doppler effect
 - ☐ Coriolis effect
 - ☐ Mpemba effect
11. Which element is essential for the function of vitamin B12 in the human body?
- ☐ Iron
 - ☐ Cobalt
 - ☐ Zinc
 - ☐ Manganese
12. What is the term for the movement of molecules from an area of higher concentration to an area of lower concentration?
- ☐ Osmosis
 - ☐ Diffusion
 - ☐ Active transport
 - ☐ Passive transport
13. Which type of fungus is known for its ability to turn ants into "zombies" by controlling their behavior?
- ☐ Armillaria mellea
 - ☐ Amanita muscaria
 - ☐ Aspergillus flavus
 - ☐ Ophiocordyceps unilateralis
14. Which of the following is NOT a mode of genetic exchange within a bacterial population?
- ☐ Conjugation
 - ☐ Transduction
 - ☐ Transformation
 - ☐ Translation

15. What is the term for the ability of some organisms to survive without water for extended periods?
- ☐ Anhydrobiosis
 - ☐ Cryobiosis
 - ☐ Chemobiosis
 - ☐ Hydrobiosis
16. In 532 AD, what was the name of the riots in Constantinople that nearly destroyed the city due to a chariot racing dispute?
- ☐ The Byzantine Riots
 - ☐ The Constantinople Uprising
 - ☐ The Chariot Wars
 - ☐ The Nika Riots
17. In 897, which pope was put on trial after his death in a bizarre event known as the "Cadaver Synod"?
- ☐ Pope Stephen VI
 - ☐ Pope Formosus
 - ☐ Pope Gregory VII
 - ☐ Pope Urban II
18. The Treaty of Tordesillas, signed in 1494, divided the newly discovered lands between which two countries?
- ☐ Spain and Portugal
 - ☐ France and Spain
 - ☐ England and France
 - ☐ Portugal and Italy

19. What was the name of the operation during World War II where a dead body was dressed as a Royal Marine officer and dropped off the coast of Spain to deceive the Germans?
- ☐ Operation Barbarossa
 - ☐ Operation Overlord
 - ☐ Operation Market Garden
 - ☐ Operation Mincemeat
20. Who was the first Secretary-General of the United Nations?
- ☐ Dag Hammarskjöld (Sweden)
 - ☐ Trygve Lie (Norway)
 - ☐ U Thant (Myanmar/Burma)
 - ☐ Javier Pérez de Cuéllar (Peru)
21. What was the pen name of Samuel Langhorne Clemens?
- ☐ F. Scott Fitzgerald
 - ☐ Ernest Hemingway
 - ☐ Mark Twain
 - ☐ Edgar Allan Poe
22. Who designed the famous *Fallingwater* house, built partially over a waterfall in Pennsylvania?
- ☐ Le Corbusier
 - ☐ Frank Lloyd Wright
 - ☐ Mies van der Rohe
 - ☐ Walter Gropius
23. What was the original title of Mary Shelley's *Frankenstein* when it was first published in 1818?
- ☐ The Modern Prometheus
 - ☐ A Tale of Creation
 - ☐ Victor's Folly
 - ☐ The Monster Within

24. Who was the artist behind the famous sculpture The Burghers of Calais, depicting a scene from the Hundred Years' War?
- ☐ Camille Claudel
 - ☐ Henry Moore
 - ☐ Auguste Rodin
 - ☐ Constantin Brancusi
25. In James Joyce's *Ulysses*, what is the name of the fictional newspaper for which Leopold Bloom works as an advertising canvasser?
- ☐ The Dublin Chronicle
 - ☐ The Irish Times
 - ☐ The Freeman's Journal
 - ☐ The Freeman's Journal and National Press